

¶. At page 68, line 19, please delete "(SEQ ID NO:52)".

¶. At page 69, line 23, please delete "(SEQ ID NO:53)".

¶. At page 69, line 24, please delete "(SEQ ID NO:54)".

¶. At page 70, line 15, please delete "(SEQ ID NO:55)".

¶. At page 70, line 17, please delete "(SEQ ID NO:56)".

¶. At page 72, line 7, please delete "(SEQ ID NO:57)".

¶. At page 72, line 8, please delete "(SEQ ID NO:58)".

¶. At page 73, line 7, please delete "(SEQ ID NO:59)".

¶. At page 73, line 14, please delete "(SEQ ID NO:60)".

¶. At page 75, line 11, please delete "(SEQ ID NO:61)".

¶. At page 75, line 13, please delete "(SEQ ID NO:62)".

¶. At page 76, line 16, please delete "(SEQ ID NO:63)".

¶. At page 76, line 33, please delete "(SEQ ID NO:64)".

IN THE CLAIMS:

At line 30 of claim 65, please insert --;-- after "ile glu asn".

At line 44 of claim 65, please delete "and".

At line 58 of claim 65, please insert --;-- after "gly thr thr".

At line 124 of claim 71, please delete "and".

At line 158 of claim 71, please insert --;-- after "leu leu arg".

At line 159 of claim 71, please delete "I)" and insert therefor --J)--.

At line 161 of claim 71, please delete "J)" and insert therefor --K)--.

At line 163 of claim 71, please delete "K)" and insert therefor --L)--.

At line 165 of claim 71, please delete "L)" and insert therefor --M)--.

At line 3 of claim 74, please delete "DNA" and insert therefor --a DNA molecule--.

At line 18 of claim 74, please delete "DNA" and insert therefor --a DNA molecule--.

At line 33 of claim 74, please delete "DNA" and insert therefor --a DNA molecule--.

At line 46 of claim 74, please delete "and".

At line 47 of claim 74, please delete "DNA" and insert therefor --a DNA molecule--.

At line 61 of claim 74, please insert --;-- after "ACC ACA".

At line 62 of claim 74, please insert --molecule comprising the-- before "sequence".

At line 64 of claim 74, please insert --molecule comprising the-- before "sequence".

At line 66 of claim 74, please insert --molecule comprising the-- before "sequence".

At line 68 of claim 74, please insert --molecule comprising the-- before "sequence".

At line 1 of claim 75, please delete "DNA" and insert therefor --An isolated DNA molecule--.

At line 3 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 18 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 34 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 48 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 63 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 81 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 99 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 116 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 132 of claim 75, please delete "and".

At line 133 of claim 75, please delete "DNA" and insert therefor --a DNA molecule--.

At line 168 of claim 75, please insert --;-- after "CTC AGA".

At line 169 of claim 75, please insert --molecule comprising the-- before "sequence".

At line 171 of claim 75, please insert --molecule comprising the-- before "sequence".

At line 173 of claim 75, please insert --molecule comprising the-- before "sequence".

At line 175 of claim 75, please insert --molecule comprising the-- before "sequence".

At line 1 of claim 76, please insert --recombinant-- before "DNA molecule".

At line 50 of claim 76, please delete "." and insert therefor --;--.

At line 51 of claim 76, please delete "A, B, C or D" and insert therefor --A or B--.

At line 53 of claim 76, please delete "A, B, C or D" and insert therefor --A or B--.

At line 55 of claim 76, please delete "A, B, C or D" and insert therefor --A or B--.

At line 57 of claim 76, please delete "A, B, C or D" and insert therefor --A or B--.

At line 1 of claim 78, please insert --a-- after "host cell containing".

At line 1 of claim 80, please delete "Coli" and insert therefor --coli--.

At line 2 of claim 86, please delete "nucleic acid sequence" and insert therefor --DNA molecule--.

At line 1 of claim 88, please insert --molecule-- after "R² is a DNA".

At line 1 of claim 89, please insert ~~--molecule~~ after "R² is a DNA".

At line 1 of claim 90, please insert ~~--molecule~~ after "R² is a DNA".

At line 3 of claim 90, please insert ~~--molecule~~ after "R² is a DNA".

At line 1 of claim 91, please insert ~~--molecule~~ after "R³ is a DNA".

At line 1 of claim 93, please delete "A recombinant" and insert therefor ~~--An isolated--~~.

At line 3 of claim 93, please delete "sequence" and insert therefor ~~--molecule--~~.

At line 2 of claim 94, please delete "114" and insert therefor ~~--113--~~.

At line 17 of claim 96, please delete ";" and insert therefor ~~--,--~~.

At line 1 of claim 101, please delete "100" and insert therefor ~~--97--~~.

At line 1 of claim 103, please delete "sequence" and insert therefor ~~--molecule--~~.

At line 1 of claim 104, please delete "sequence" and insert therefor ~~--molecule--~~.

At line 1 of claim 105, please delete "and/or" and insert therefor ~~--or--~~.

At line 1 of claim 107, please delete "sequence" and insert therefor ~~--molecule--~~.

μ.ε. At line 2 of claim 107, please delete "amino terminus" and insert therefor ~~--amino-terminus--~~.

At line 2 of claim 122, please delete "120" and insert therefor ~~--113--~~.

At line 1 of claim 124, please delete "123" and insert therefor ~~--122--~~.

At line 2 of claim 124, please delete "harvested" and insert therefor ~~--recovered--~~.

At line 2 of claim 125, please delete "recombinant" after "derivatized".

At line 1 of claim 126, please delete "125" and insert therefor ~~--122--~~.

At line 1 of claim 126, please delete "said recombinant" and insert therefor ~~--the isolated--~~.

μ.ε. At line 1 of claim 127, please delete "87, 95 or 96" and insert therefor ~~--87 or 95,--~~.

At line 2 of claim 133, please delete "is".

Please amend the following claims without prejudice or disclaimer:

μ.ε. 85. (Amended) A process according to claim 78, wherein the DNA molecule comprises promoter DNA, other than the promoter DNA for the native polypeptide having TNF inhibitory activity, operatively linked to [the nucleic acid encoding the native] a DNA molecule coding for a polypeptide having the ability to bind TNF [inhibitory activity].

87. (Amended) An isolated DNA molecule wherein said DNA comprises a sequence selected from the group consisting of:

A)

R² GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT
CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA
ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG GAT
ACG GAC TGC AGG GAG TGT GAG AGC GGC TCC TTC ACC GCT
TCA GAA AAC CAC CTC AGA CAC TGC CTC AGC TGC TCC AAA
TGC CGA AAG GAA ATG GGT CAG GTG GAG ATC TCT TCT TGC
ACA GTG GAC CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC
CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC
TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC CTC
TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC CAT
GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC
CTA CCC CAG ATT GAG AAT,

wherein R² is absent or is a DNA comprising a sequence coding for a polypeptide which can be cleaved *in vivo*;

X

- B) a fragment or degenerate variant of the polypeptide of A;
- C) a [polypeptide comprising the amino acid sequence] DNA molecule comprising the sequence of A or B [with] encoding at least one conservative amino acid substitution;
- D) a [polypeptide comprising the amino acid sequence] DNA molecule comprising the sequence of A or B [with] encoding at least one amino acid substitution at a glycosylation site;
- E) a [polypeptide comprising the amino acid sequence] DNA molecule comprising the sequence of A or B [with] encoding at least one amino acid substitution at a proteolytic cleavage site; and

F) a [polypeptide comprising the amino acid sequence] DNA molecule comprising the sequence of A or B [with] encoding at least one amino acid substitution at a cysteine residue.

F2 113. (Amended) A recombinant host cell containing a [recombinant] DNA molecule [comprising a DNA sequence defined in] according to claim 97.

V.E. 120. (Amended) A recombinant host cell according to claim 76, wherein the DNA molecule comprises promoter DNA, other than the promoter DNA for the native polypeptide having the ability to bind TNF, operatively linked to a DNA [sequence defined in claim 96 or 121] molecule coding for a polypeptide having the ability to bind TNF.

Please add the following claims:

134. An isolated DNA molecule coding for a polypeptide having the ability to bind TNF, wherein said polypeptide comprises the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr
tyr	leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr
asp	cys	arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser
glu	asn	his	leu	arg	his	cys	leu	ser	cys	ser	lys	cys
arg	lys	glu	met	gly	gln	val	glu	ile	ser	ser	cys	thr
val	asp	arg	asp	thr	val	cys	gly	cys	arg	lys	asn	gln
tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe	gln	cys	phe
asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his	leu	ser
cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his	ala
gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn.								

U.S. 135. An isolated DNA molecule according to claim 134, wherein said polypeptide includes a methionine at the amino-terminus.

136. An isolated DNA molecule coding for a polypeptide having the ability to bind TNF, wherein said polypeptide comprises the amino acid sequence:

U.S.
asp ser val cys pro gln gly lys tyr ile his pro gln
asn asn ser ile cys cys thr lys cys his lys gly thr
tyr leu tyr asn asp cys pro gly pro gly gln asp thr
asp cys arg glu cys glu ser gly ser phe thr ala ser
glu asn his leu arg his cys leu ser cys ser lys cys
arg lys glu met gly gln val glu ile ser ser cys thr
val asp arg asp thr val cys gly cys arg lys asn gln
tyr arg his tyr trp ser glu asn leu phe gln cys phe
asn cys ser leu cys leu asn gly thr val his leu ser
cys gln glu lys gln asn thr val cys thr cys his ala
gly phe phe leu arg glu asn glu cys val ser cys ser
asn cys lys lys ser leu glu cys thr lys leu cys leu
pro gln ile glu asn;

or a C- and/or N- terminally shortened sequence thereof.

137. An isolated DNA molecule according to claim 136, wherein said polypeptide includes a methionine at the amino-terminus.

138. A vector comprising a DNA molecule defined in claim 134.

139. A vector comprising a DNA molecule defined in claim 135.

140. A vector comprising a DNA molecule defined in claim 136.

141. A vector comprising a DNA molecule defined in claim 137.

142. A recombinant host cell comprising the vector of claim 134.

143. A recombinant host cell comprising the vector of claim 135.

144. A recombinant host cell comprising the vector of claim 136.

145. A recombinant host cell comprising the vector of claim 137.

146. A recombinant host cell of claim 142, which is a prokaryotic cell.

147. A host cell according to claim 144, which is a prokaryotic cell.

148. A host cell according to claim 146, which is *Escherichia coli*.

149. A host cell according to claim 147, which is *Escherichia coli*.

150. A host cell according to claim 142, which is a eukaryotic cell.

151. A host cell according to claim 144, which is a eukaryotic cell.

152. A host cell according to claim 150, which is a mammalian cell.

153. A host cell according to claim 151, which is a mammalian cell.

154. A host cell according to claim 152, which is selected from the group consisting of a Chinese Hamster Ovary cell and a COS cell.

155. A host cell according to claim 153, which is selected from the group consisting of a Chinese Hamster Ovary cell and a COS cell.

156. A recombinant host cell according to claim 140, wherein the recombinant DNA molecule comprises promoter DNA, other than the promoter DNA for the native polypeptide having the ability to bind TNF, operatively linked to the DNA molecule coding for the polypeptide having the ability to bind to TNF.

157. A recombinant host cell according to claim 142, wherein the recombinant DNA molecule comprises promoter DNA, other than the promoter DNA for the native polypeptide